

# PLANNING AHEAD

## Notes for the Planning and Policy Community

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### Notes from Jim Johnson


I've just returned from two USACE conferences, first the Senior Leader Conference in Norfolk and then the Project Delivery Team Conference in Seattle. Both were productive, as well as providing a positive course of action for the future. LTG Bob Flowers, our new Chief of Engineers, spoke at both conferences. His message was positive, and was well received. Corporately, he wants us to provide excellence with integrity and credibility; serve the Army and its transformation; serve the Nation through effective advocacy for water resource development; accomplish environmental stewardship; and seek

consensus – always through doing what is right. Individually, he wants us to know our job; be situationally aware; be healthy; and treat others with dignity and respect. You should also expect continued emphasis on empowerment – get ready to receive “Just Do It” cards!

The Senior Leader Conference focused on working through all aspects of our corporate strategic vision. While this work will continue over the next several months, it is worth noting that the vision will be refined rather than extensively overhauled. General Officers and Senior Executives agreed that we were headed on the right path, but needed to improve on statements that did not accurately reflect our intent. The Project Delivery Team Conference was a much larger event, overflowing with about three hundred participants. The clear message from this conference is the fundamental importance of the Project Management Business Process, and vertical and horizontal teamwork.

Back on the home front, we have good news on our appropriations and authorizations bills. Our FY 2001 Appropriations bill was signed by the President on 27 October 2000, as part of the VA-HUD Appropriations Act. The General Investigations Appropriation for FY 2001 is \$160 million, \$22 million over the budget request. However, savings and slippage is 25%. Sixty-eight planning new starts are included. FPMS received just \$8.2 million, which will result in a very tight funding year. Planning Assistance to States received \$6.7 million. No funds were provided to initiate the National Shoreline Study. In other accounts, the Construction General Account received \$1.7 billion, an increase of \$371 million over budget. It includes fifty-two new starts, of which twenty are environmental. The Challenge 21 Program was not funded. And finally, the Continuing Authorities Program received \$103 million, \$30 million over budget.

More recently, the House of Representatives passed and sent to the President the Water Resources Development Act of 2000. WRDA highlights include authorization of the \$7.8 billion Everglades restoration plan and authorization of \$7.3 billion worth of projects. The Act also expands ability to pay to feasibility studies and to additional project purposes; authorizes in-kind service credits for the full non-Federal share of feasibility study costs; and makes it easier for non-Federal sponsors to sign project cooperation agreements where there are restrictions on obligation of their future appropriations. The Act is also noteworthy for including nine regional environmental restoration authorities that will empower \$870 million in work, with a Federal share estimated at \$566 million.

We also have some important personnel moves to report. Congratulations to our newest planning chiefs -- Ruth Villalobos, Chief of Planning in Los Angeles District, Tom Kendall Chief of Planning in San Francisco District and Bill Fickel, Chief of Planning, Environmental and Regulatory at Fort Worth District! And with mixed emotions, we regret to lose Joann Duman from Headquarters; but she is leaving for an excellent position as Planning Programs Team Leader in Planning Division at Southwestern Division. This is the kind of movement that is good for people and good for our organization. I encourage each of you to consider applying for Joann's previous position in Policy Compliance Support Branch, as well as the vacant position of Chief, Planning Management Branch and the Regional Planning Manager position in that branch. Finally, we bid farewell to George “Dusty” Rhodes, Chief of Execution Branch in Mississippi Valley Division, who retired from the Corps of Engineers at the end of October after over thirty years of Federal service. Dusty, we will miss you! 

## Senior Planning Vacancies

We have created this special section in *Planning Ahead* to highlight vacancy announcements for senior planning positions, especially planning chief positions. We encourage all divisions and districts to

place senior planner position announcements in *Planning Ahead* to give them greater visibility. Also you can find most vacancy announcements at <http://cpol.army.mil/va/scripts/public.html>

## Baltimore District

Baltimore District is recruiting for two positions - (1) a GS-13 Environmental Program Manager and (2) a GS-13 Environmental Compliance Advisor. Both positions are in the Planning and Environmental Services Branch, Planning Division. The branch is responsible for providing the full range of planning, environmental and technical services in support of the Corps military and SFO missions. Additionally, the branch is responsible for the Section 22 and FPMS Programs.

The Environmental Program Manager will be responsible for coordination and accomplishment of the planning, scoping, and direction of major projects within a program area. The position requires a broad planning background and experience and a full in-depth understanding of the Corps of Engineers policies, procedures, and missions. The Environmental Compliance Advisor will serve as a technical advisor on environmental compliance matters (i.e., NEPA, Section 106, Pollution Prevention) related to preparation of reports and other decision documents relative to the planning and development of Corps projects and program activities.

It is anticipated that the announcement will be out in the mid-November to mid-December timeframe. Keep an eye on the Baltimore District Web Site <http://www.nab.usace.army.mil/employment> as well as the Northeast Civilian Personnel web site <http://cpol.army.mil> for more details.

For more information please contact Robert Gore, Chief, Planning and Environmental Services Branch at (410) 962-4995 

## FY01 Energy and Water Appropriation Summary

*Rennie Sherman – CECW-PD*

1. Signed on October 27, 2000, as part of the VA-HUD Appropriation, PL106-377, Conference Report, HR106-988.
2. Total FY01 Appropriation is \$4.544B compared to \$4.127B in FY00.
3. General Investigations - \$160 million  
Increase of \$22 million over budget, \$2 million less than FY00
  - 68 new starts
  - 4 comprehensive studiesNational Shoreline Study not funded  
Savings and slippage is 25%  
FPMS \$8.2 million; \$800k reduction from budget; \$300k reduction from FY00  
Planning Assistance to States - \$6.7 million; \$200k increase over budget; \$900k increase over FY00  
Great Lakes Remedial Action Program \$600k
4. Construction General - \$1717 million  
Increase of \$371 million over budget, and \$317 million over FY00

52 new starts


(12 navigation, 5 shore protection, 15 flood damage prevention, 20 environmental)

Continuing Authorities Program

\$102 million; an increase of \$30 million over budget, and \$32 million over FY00


(includes \$19 million for S.206 and \$21 million for S.1135)

5. Operation and Maintenance - \$1902 million, \$48 million over FY00

6. Regulatory - \$125 million, \$8 million over FY00 

## Last Chance to Complete Planning Capability Survey

*Mark Dunning - IWR*

The Planning Capability Task Force is pleased to report that it has received almost 500 responses to our planning capability survey. We would like every planner to complete the survey, but time is running out. If you have not already done so, please go to our web site located at [www.wrsc.usace.army.mil/iwr/planningcapabilities](http://www.wrsc.usace.army.mil/iwr/planningcapabilities) and complete the survey. The survey takes about 10 minutes to complete. Our Planning Capability task force will be using the survey information to complete our report on needed training and development actions, and it is important that we hear from as many planners as possible no later than 21 November. Only summarized information will be reported. Questions about the survey should be directed to Rich Whittington at 703-428-6051. 

## The "New" Institute for Water Resources

*Kenneth E. Lichtman - CEIWR-NA*

On July 16, 2000 the Field Operating Agency (FOA) known as the "Water Resources Support Center" (WRSC) was abolished and in its place the FOA was reestablished as the "Institute for Water Resources."

Now one might ask, "But didn't an Institute for Water Resources already exist as part of the previous WRSC?" And the answer to that question is yes. So what's the change?

The "new" Institute for Water Resources consists of the former elements of WRSC, including the Hydrologic Engineering Center (HEC) located in Davis, CA; the Navigation Data Center (NDC), located at IWR's Alexandria, VA office and the Waterborne Commerce Statistics Center (WCSC) in New Orleans, Louisiana; along with the four divisions of the "old" IWR, as well as a Business and Technology Support Office. The new FOA is a streamlined, flatter, more cohesive organization, and is better structured to serve USACE customers.

While the FOA's name may have changed, the Institute's mission continues to include the "WRSC" areas of water resources planning, hydrologic engineering, technical, policy and program analysis, as well as the collection and management of navigation infrastructure performance data and national waterborne commerce statistics.

The Institute will continue to support HQUSACE offices within the Civil Works Directorate, as well as Corps MSC's and Districts by developing and applying new planning evaluation methods, policies and data in anticipation of changing water resources management conditions. A major focus of IWR is on the systematic evaluation of economic, social, institutional, and environmental factors through the development, transfer, and application of improved analytical techniques for water resources planning.


IWR's functions will continue to include the following:

- the research, development and transfer of methods and technologies in the fields of hydrologic engineering and water resources investment decision-making;
- the performance of water resources planning and policy studies; special studies; planning related applications; and national level water resources studies;
- the analysis of water resource and USACE Civil Works program performance;
- the collection, management, and dissemination of navigation data, lock performance data, dredging data, and port infrastructure information;
- the economic analysis of navigation systems and projects; dredging quantities and cost analysis; macroeconomic forecasts, and transportation benefits analysis;
- the evaluation of existing planning methodologies, economic analysis procedures and plan formulation criteria to determine the need for modifications or adjustments to improve the planning process and effectiveness in addressing the nation's water resources issues;
- the development, management and conduct of training courses, technical workshops and seminars in the fields of hydrologic engineering techniques, methods, and models; water resource issues and navigation planning methods; regulatory responsibilities and functions; and the availability and use of navigation data;
- the provision of technical assistance to Corps field offices in the areas of water resources planning including the use of planning evaluation techniques and methodologies, hydrologic engineering, navigation analysis and data development, transportation systems evaluation, and regional economic impact analysis; and
- the management, coordination and technical support to CECW on the activities affecting the operation of the Inland Waterway Users Board, the International Navigation Association (commonly referred to as PLANIC), the National Research Council's Transportation Research Board, and the USACE Environmental Advisory Board.

The "new" IWR is comprised of the following offices:

- the Hydrologic Engineering Center, located in Davis, California, headed by Darryl Davis;
- the Navigation Data Center, led by Arlene Dietz, which is comprised of the Navigation and System Division, headed by Dave Lichy and located at the Institute's Alexandria, VA office, and the Waterborne Commerce Statistics Center, led by Dave Penick and located in New Orleans, LA.


- the Decision Methodologies Division, formerly the Technical Analysis and Research Division, currently led by David Moser as Acting Chief;
- the Planning and Policy Studies Division, formerly the Policy and Special Studies Division, which is headed by Gene Stakhiv;
- the Navigation and Water Resources Applications Division, formerly the Navigation Analysis Division, which is led by Bob Pietrowsky;
- the Program Analysis Division led by Mark Dunning.

IWR's address has not changed: 7701 Telegraph Road, Casey Bldg.- 2nd Floor, Alexandria, VA 22315-3868. Individuals interested in learning more about the Institute and its current activities can access the IWR's website at <http://www.iwr.usace.army.mil>. 

## Items of Note – On the Web

*Ellen Cummings, CECW-PD*

New postings on the CECW-P web site, <http://www.usace.army.mil/inet/functions/cw/cecwp/> include the October edition of *Planning Ahead* and the session summaries and presentations from the environmental conference.

Design guidance for ecosystem restoration projects may be found in many locations. One of them is the web site for the Effectively Restoring Ecosystems conference (<http://www.usace.army.mil/inet/functions/cw/cecwp/>) where a short paper titled: “Improving Riparian Buffer Strips and Corridors for Water Quality and Wildlife” by Richard A. Fischer, Chester O. Martin and J. Craig Fischenich may be found. This paper clarifies the difference between a buffer and a corridor and discusses some of the factors to consider when planning a buffer. Information concerning the WES research effort to develop technical guidelines to improve design, evaluation, restoration and management of riparian corridors may be found in Technical Report EL-99-3 dated July 1999, titled “Corridors and Vegetated Buffer Zones: A Preliminary Assessment and Study Design” by Richard A. Fischer and Chester O. Martin. This report may be found at <http://www.wes.army.mil/el/emrrp/treports.html>. Additional technical notes regarding stream and riparian restoration and management can be found at the same site. 

A list of WES sites of interest focused on environmental issues includes:

WES: <http://www.wes.army.mil>  
Environmental Lab: <http://www.wes.army.mil/el>  
What's New? <http://www.wes.army.mil/el/whatsnew.html>  
EMRRP: <http://www.wes.army.mil/el/emrrp>  
Turtles: <http://www.wes.army.mil/el/emrrp/turtles>  
Wetlands: <http://www.wes.army.mil/el/wetlands>  
HGM Related info: <http://www.wes.army.mil/el/wetlands/hgmhp.html>  
WRAP: <http://www.wes.army.mil/el/wrap>

If you are aware of a site that may be of interest to others, please send a note with the address and brief description to Ellen Cummings or Harry Kitch. [📖](#)

## Collaborative Ecosystem Management

A new interagency course has been developed by DOI with input from OASA staff. The course is intended to increase the ability of federal agencies involved in the management of land or water resources to utilize collaborative processes successfully. Case studies of previous and ongoing interagency activities will be used to give real world examples of how and when collaboration works. Participants will learn to identify and overcome obstacles to collaboration, and they will be exposed to a variety of institutional arrangements that facilitate the sharing of resources and the resolution of complex issues. The initial target audience is Federal agency employees who are grades GS 12-15, including managers, scientists, and information specialists. Sessions will have a regional focus. A pilot session will take place at the National Conservation Training Center in Shepherdstown, WV, from November 13-17. The focus will be on the Pacific Northwest. If you would like more information please contact Jim Pipkin, DOI, at [Jim\\_Pipkin@ios.doi.gov](mailto:Jim_Pipkin@ios.doi.gov). [📖](#)


## Upcoming Meetings


*Compiled by Ellen Cummings*


Place-Based Decision Support: Theory and Practice: This is the theme of a conference sponsored by the Aurora Partnership to be held at the Wild Dunes Resort, Isle of Palms, SC on 14-15 November. The meeting is co-sponsored by NOAA, the Udall Center for Studies in Public Policy, the Association for Biodiversity Information, and the U.S. Department of the Interior. Among the 12 panels are sessions on biodiversity; tools for assessing, planning for and recovering from natural hazards; ecological economics; and developing partnerships. Mr. Dwight Beranek, Chief of the Corps Engineering and Construction Division, USACE, will be participating in the "Developing Partnerships" session. Additional information on the conference, lodging, registration, etc. may be found at <http://www.csc.noaa.gov/aurora/> [📖](#)


Hurricane Protection and Storm Damage Reduction Evaluation Modeling Workshop: Planning and Policy Division, HQUSACE will sponsor this workshop scheduled for 29 November–1 December 2000 in Jacksonville, Florida. The central theme of the workshop will be exploring methods and procedures for improving the analytical practice for estimating benefits and costs of measures that reduce coastal storm damage. Particular emphasis will be placed on new approaches, such as life-cycle evaluation, and the inclusion of uncertainty in variables influencing benefits, cost, and sediment management. A prime goal of the workshop is to establish a consensus strategy and approach for developing a single, Corps-wide adopted evaluation model to be used to evaluate all shore protection projects. The workshop will include a review of the state of the practice used by different Corps Districts to evaluate alternatives to address coastal flooding and erosion economic losses. As these issues will be a very important topic in the preparation of future planning reports, each District and Division performing Coastal Storm Studies should be represented. POC for the workshop is Ron Conner, (202) 761-4230. [📖](#)



Dredged Material Management: Issues and Needed Actions for the Next Decade: This workshop sponsored by the National Dredging Team will be held in Jacksonville, FL, 23-25 January. Objectives of the workshop are for the National Dredging Team (NDT) and Regional Dredging Teams (RDTs) to communicate with stakeholders, to build partnerships for dredged material management, and to exchange information about scientific and programmatic dredging issues for development of a national action agenda that will address dredged material management issues, with the focus on beneficial uses of dredged material. Day 3 will be a special session hosted by the National Research Council on Environmental Windows for Dredging Projects. There is a \$130.00 registration fee for this workshop. For more information contact Barry Holliday at (202) 761-4741. 

Coastal Erosion in the United States: The 14<sup>th</sup> Annual National Conference on Beach Preservation Technology sponsored by the Florida Shore and Beach Preservation Association, Inc. will be held in Orlando, FL, 7-9 February 2001. The results of the study on coastal erosion done for FEMA, and the authorization in WRDA 99 for the Corps to look at the economic and environmental effects caused by erosion and accretion were cited by the planning commission as factors considered when developing the agenda for this conference. The focus will be on discussing and recommending concrete steps that can be taken to reduce coastal erosion. On the 6<sup>th</sup> and 7<sup>th</sup> there will be a workshop on "Quantification and Modeling of Coastal Processes and Inlet Processes" put on by ERDC's Coastal and Hydraulics Laboratory. For additional information please contact <http://www.fsbpa.com>. 

Dredged Material Assessment and Management Seminar: The Environmental Protection Agency and the U.S. Army Corps of Engineers are sponsoring the annual Dredged Material Assessment and Management Seminar in Baltimore, April 10-12, 2001, at the Sheraton Inner Harbor. The seminar focuses on assessment and testing for waters regulated under the Marine Protection Act, the Sanctuaries Act, and the Clean Water Act. Contact Ms. Billie Skinner at WES for more information or see the "What's New" page mentioned above for links to additional information. 

If you are aware of an upcoming meeting that may be of interest to others, please send a note with the address and brief description to Ellen Cummings or Harry Kitch. 

## Mission Planning and Development Update

*Rennie Sherman – CECW-PD*

With this issue of Planning Ahead we are introducing a new regular feature. This column will provide updates on the interagency and non-governmental partnering activities of the CECW-PD staff, as well as the status of various Planning and Policy initiatives. Suggestions for future topics may be submitted to Ellen Cummings.

## Partnering with Ducks Unlimited


*Ellen Cummings, CECW-PD*

This summer discussions with Ducks Unlimited (DU) were initiated to explore partnering opportunities between our organizations. The third meeting was held on 11 October and while chaired by




CECW-P, participants included representatives from CECW-O, CECW-E, CECW-B, and the Office of the Chief Counsel. Topics of discussion included Ducks Unlimited's presentation at the Project Delivery Team Conference on 31 October, potential legislative initiatives to allow greater participation of non-governmental organizations in Corps projects and a potential MOU between the two organizations.

Ducks Unlimited is a large organization with headquarters in Memphis, TN and four regional offices in the U.S. They also have offices in Canada and Mexico. In addition there are a number of field offices. While the mission of DU is focused on fulfilling the annual life cycle needs of American waterfowl, this is broadly interpreted to include a wide range of ecosystem projects. Among the issues of interest to DU are coastal hypoxia, clean water supplies, and conservation of biodiversity. DU has a large research group and is interested in the potential for working with WES on wetlands research. To learn more about the organization and the projects with which they are involved check out their web site at <http://www.ducks.org>.

Although DU has design expertise and funds, and has participated in several Corps projects, DU does not want to assume long term O&M responsibilities. Therefore, even under those authorities where it is possible for a non-governmental organization to be the non-Federal sponsor, a second sponsor may be necessary to ensure that the O&M responsibilities will be met. In addition, design work by DU must be procured following normal contracting procedures unless it is the sponsor of a project for which work-in-kind by the sponsor during the design phase is permitted. For additional information, contact Ellen Cummings, CECW-PD, at (202) 761-4558. 

## Unified Federal Policy Is Final!

*Beverley Getzen, CECW-PD*

One of the Key Actions in the Clean Water Action Plan (CWAP) was development of a unified Federal Policy to enhance watershed management for the protection of water quality and the health of aquatic ecosystems on federal lands. The final policy appeared in the Federal Register on 18 October 2000. The UFP is not a regulation and does not establish a regulatory program. The UFP will serve as a framework for better coordination among Federal agencies, States, Tribes, private landowners and interested stakeholders in management of Federal lands and resources using a watershed approach within existing law and regulation. The CWAP partners will develop implementation plans to incorporate the goals of the policy and build on efforts already underway to improve Federal watershed management. This policy places a great responsibility on Federal agencies to become role models of good stewardship. The policy also requires close collaboration among the agencies and adjacent interests to develop management goals, identify priority watersheds, conduct assessments and undertake management improvements with the ultimate aim of preventing water pollution resulting from Federal land management actions. Check our site at <http://www.cleanwater.gov/>. For additional information, contact Beverley Getzen, CECW-PD, at (202) 761-4489. 

## American Heritage Rivers

*Beverley Getzen, CECW-PD*

Several cities and regions are actively seeking designation as AHR communities along the Upper and Lower Mississippi Rivers. In addition, numerous river communities are seeking recognition by being designated as American Heritage Rivers. The Administration will soon announce additions to existing designations and possibly designate some additional rivers. River communities are reporting the values received from their designation, including access to sources of Federal and other funding sources that are already benefiting the communities. Most communities are reporting significant increases in funding as well as increased ease of access to information and services, mostly due to the actions of the River Navigators. The AHR communities also have formed an alliance to raise additional funding to contribute to production of a planned PBS series highlighting individually each of the 14 American Heritage Rivers. Check our web site at: <http://www.epa.gov/rivers/>.

The most exciting recent event for AHR is the student art contest. Young people living along the designated rivers were invited to present their views of the role of their river in their lives. The artwork is simply astounding. These have been scanned electronically onto CD's provided to each River Navigator and River Community Partner. The winners of the contest, one each from elementary, middle and high school levels, will be invited to a ceremony at the White House to receive their awards. Your local AHR POC has the electronic versions of the artwork so if you are interested, you'll find a local source for these extraordinary pictures. Interestingly enough, overall the artwork illustrates the three fundamentals of AHR: economic vitality, environmental preservation, and historic and cultural values. For more information, contact Beverley Getzen, CECW-PD, at (202) 761-4489. [!\[\]\(0f848bbd71cef6b345273b16f905912a\_img.jpg\)](#)

## Inland Waterways Users Board

*Norm Edwards, CECW-PD*

The 37<sup>th</sup> meeting of the Board was held November 3, 2000, in Pittsburgh, Pennsylvania, at the David Lawrence Convention Center. In conjunction with this Board meeting, a tour of the Monongahela River Locks and Dam No. 2, Braddock innovative construction project, featuring in-the-wet construction, and the Leetsdale casting yard was conducted on November 2, 2000. Approximately 250 participants attended the tour, a much larger than normal turn-out. Board meetings are open to the public and a notice of the meeting was published in the Federal Register during the month of October.

During the meeting, the Board considered locations for its meetings for the coming year, and heard presentations on projects underway in LRD, the host Division for this meeting. They also heard status presentations on the Upper Mississippi River Navigation Study, the Missouri River Master Manual, the Inner Harbor Navigation Canal (IHNC) Lock Project, Bayou Sorrel Lock, Calcasieu Lock Studies, and the ACT-ACF Tributary Waterway System. In addition, there were presentations on the status of the Inland Waterways Trust Fund, FY 2001 funding for inland navigation, WRDA 2000, electronic charting, and the results of barge impact and crushing experiments. Next year's meetings will likely include a visit to New Orleans, LA, to experience multi-modal activities, and an appropriate location in Florida, to receive an overview of the recently authorized Everglades restoration plan. For more information, contact Norm Edwards, CECW-PD, at (202) 761-4559. [!\[\]\(3211b5d1d968fc1665909b34f9f16010\_img.jpg\)](#)

## Paul Soyke Retires after 42 Years

Paul Soyke, Chief Economist for most of his career at Rock Island District has announced his retirement. Friends wishing him well or able to join him at his 1 December 2000 retirement party can call Sharryn Jackson at (309) 794-5309. [📖](#)

## North American Transportation in Figures

*Arlene Dietz, CEIWR-NDC*

Just released is the first time publication, **North American Transportation in Figures**. It examines transportation and transportation-related passenger, freight, economic, safety, energy, environmental and demographic statistics relating to Canada, Mexico and the United States. This publication serves to increase awareness of transportation-related statistics currently available in each of the three countries, helps to assess comparability of the data, determines where information gaps exist and reveals which additional data are needed for a more complete picture of transportation in North America.

This project is a direct result of the North American Transportation Statistics Interchange, a tripartite initiative representing the transportation and statistical agencies of Canada, Mexico and the United States. The Corps Navigation Data Center is a participant in this organization and chairs the marine working group.

This publication may be obtained by contacting the Bureau of Transportation Statistics: Phone (202) 366-3282, fax (202) 366-3640, e-mail [orders@bts.gov](mailto:orders@bts.gov), or by the web [www.bts.gov](http://www.bts.gov). [📖](#)

## Total Domestic Waterborne Commerce


*Arlene L. Dietz – CEIWR-NDC*

Total Domestic Waterborne Commerce dropped slightly from 1102.2 million in 1998 to 1067.9 million short tons in 1999 (down – 3.3%), according to latest estimate released by Waterborne Commerce Statistics Center. However, lakewise and coastwise traffic have dropped more than internal traffic compared with a year ago, -7.3%, -9.3%, and -0.3% respectively. Farm products gained the most for 1999 (9.1%) with coal showing the largest drop (-5.3%). [📖](#)

## Updated Port Series Reports

*Ginny Pankow, CEIWR-NDC-N*

The Navigation Data Center (NDC) has recently distributed revised editions of Port Series No. 10 Port of Baltimore, Maryland and Port Series No. 14 Ports of Savannah and Brunswick, Georgia. These supersede reports published in 1991 and 1990. The Baltimore report includes 107 facilities on the

navigable part of the Patapsco River below Hanover Street; the Northwest and Middle Branches; Curtis Bay and its tributary, Curtis Creek. The Savannah/Brunswick report includes information on 56 facilities in the Savannah area and 26 facilities in Brunswick. Printed reports containing general location information, facility photographs, facility details, summary tables, index and aerial photographic maps of the waterfront area are available from NDC. Summary information and data files will be available By December 2000 on the NDC homepage at <http://www.iwr.usace.army.mil/ndc/psbooks.htm>, and on the next issue of the NDC U.S. Waterway Data CD. Reports and the free CD can be ordered at the above web site. Further information about the reports and the information they contain should be directed to Sidney Formal (702-428-6380) or Ginny Pankow (703-428-9047). 

## Hydropower Analysis Center Assists Corps Offices with Hydropower Planning


*James D. Barton, P.E., Manager, Hydropower Analysis Center*

Did you know that the Corps of Engineers is the largest single hydropower producer in the U.S., managing an \$18 billion investment in 75 powerplants producing over 24% of all hydropower generated in the U.S.? Did you also know that the average age of the equipment in these powerplants is about 35 years, which is also near the end of their design life? Although the equipment in many plants is starting to be replaced, these statistics point out the need to seriously consider equipment replacements at remaining plants. Operational changes affecting hydropower generation are also being considered at many projects in response to changing needs for the environment, water supply, navigation, and other considerations.

The Hydropower Analysis Center (HAC), located in the Northwestern Division Headquarters in Portland, Oregon, is a valuable resource for Corps staff needing assistance in all types of hydropower planning, analysis, and economics. This center was first established as a technical center in the 1950's as part of the planning and development of the Columbia River hydropower system. Since that time, well over 150 different hydropower studies have been completed on a wide range of projects located throughout the U.S., as well as in many foreign countries.

Examples of the types of services that can be provided by the HAC and recent studies performed for the Corps include:


- River System Studies: Columbia River System Operation Review for Northwestern Division
- Powerplant Major Rehabilitation: Webbers Falls for Tulsa, Barkley and Center Hill for Nashville
- Cost Allocation and Water Supply Reallocation Studies: White River System for Little Rock
- Hydropower Economic Benefit Assessments: Corps-wide Powerplant Seismic Risk Evaluation
- Hydropower Training: HEC-5 and Powerplant Major Rehabilitation Workshops

For more information on the HAC or the services available, visit the website at [www.nwd-wc.usace.army.mil/PB/welcome.html](http://www.nwd-wc.usace.army.mil/PB/welcome.html), or contact James Barton at (503) 808-3974. On evaluations involving hydroelectric equipment replacements and upgrades, the HAC works closely with the Hydroelectric Design Center, also located in Portland, Oregon. Their website can be found at <http://www.nwp.usace.army.mil/hdc/> 

## North Atlantic Division Economists Workshop

*Gary Hershdorfer – CENAD-ET-P*

During the period October 23-25, the Norfolk District hosted the annual North Atlantic Division Economists workshop in which economists from all NAD districts, the division office, HQ and IWR participated. The workshop served as a focal point for Economists within NAD to work collaboratively in producing quality decision documents. Among the topics addressed were the planning and economic programs within each district, environmental restoration benefit analyses, the Deep Draft Navigation Benefit Initiative, and the QA/QC implementation. The workshop also served as a forum to address the Economist's role in supporting the Project Management Business Process. The contributions of Mr. Shoudy and Mr. Davis provided technology transfer and helpful work insights to the NAD economists. The group's next meeting will be hosted by NAP tentatively scheduled for Spring 2001.


NAD has been having these workshops as a means to strengthen the Economic content and focus and they have been extremely well received by the participants and Planning chiefs. Other divisions may wish to explore this concept. Please contact Gary Hershdorfer if you have any questions. 

## Implementation of In-Kind Services Provisions for the Planning Assistance to States Program

*Ken Zwickl – CECW-PD*

Section 208 of the Water Resources Development Act of 1992 included a provision to allow the acceptance of in-kind services from study sponsors for up to 50% of their share for cost-shared studies performed under the PAS Program. This provision was not implemented at that time. The decision on implementation of in-kind services for PAS Program efforts has been revisited. You are now authorized to accept in-kind products or services for PAS studies, for up to one-half of the sponsor's share of the PAS study cost. There is a memo in the mail on this subject, dated 6 November 2000. ER 1105-2-100, paragraph G-31c (10) will be revised to reflect this change in guidance.

Why did we do this now? One reason is that there have been a few requests by Divisions/Districts in favor of implementation. It is also a result of discussions we had in Boston back in August 1999 concerning the direction of the PAS Program. At that time we talked about a long-range goal for the Planning Assistance to States program being a return to the program origins, i.e., to be a tool for assisting states and local governments in establishing and carrying out their water resources plans. Over the years, due to lack of funding, PAS studies have evolved into small efforts designed to assist a sponsor in resolving a single, isolated problem. While these smaller efforts are important, there also seems to be a need for more comprehensive studies which identify water resources problems and opportunities, and provide conceptual ideas and solutions for the sponsors to implement. Allowing credit for in-kind services could facilitate more substantial involvement by local sponsors. This may also serve to increase public support of a local or regional water resources plan.

The Corps would allow credit for in-kind services that are directly related to a specific study. Examples of the types of services that could be contributed include topographic surveying & mapping, collection of river/inlet/bay tidal data, collection of and geotechnical information, environmental data collection/evaluation, GIS development, collection of cultural/archaeological information and socioeconomic data, and hydrology/hydraulics analyses. 

## Water Supply and Water Conservation Planning

*Darrell.G.Nolton - CEIWR-MD*

Water Supply and Water Conservation Planning have not been priority missions of the Corps. However, the issue of available water supply is looming as a significant problem in the not too distant future. Furthermore, the Corps is often asked to evaluate current water supply and to project future capacity in rapidly growing parts of the country. These requests generally come in the form of Section 22, Assistance to States, as part of multiple purpose projects, as reallocation studies or in the context of issuing permits through the Regulatory Permit Program.

In the early 1980's, IWR became involved in addressing the issue of water supply and water conservation planning. IWR developed a software program called IWR-MAIN (Municipal and Industrial Needs). This program was used to project future water use by water use sector. In 1990-91, IWR, the American Public Works Association, the American Water Works Association, the Metropolitan Water District of Southern California, the City of Phoenix, the State of Illinois, and Planning and Management Consultants, Ltd., (PMCL), joined forces to modernize the IWR-MAIN software, and to add a water conservation component. Essentially, what effect would given levels of water conservation have on future water demands? That effort concluded in 1994 with the release of IWR-MAIN Water Demand Analysis Software. Training in the use of the software was offered to the Corps and other Federal agencies jointly by IWR and PMCL. While only a few Corps districts participated in the training, all Corps districts received a copy of the User's Manual and Software.

PMCL continued their pursuit of a more powerful tool for forecasting future water demands and factoring in conservation measures. They have kept IWR informed of the improvements and sought our advice on several occasions. The latest program, IWR-MAIN Water Demand Management Suite, provides water resource planners with the latest in water resource planning software. This version of IWR-MAIN is designed for use on Windows95, Windows98, and WindowsNT platforms and offers maximum flexibility in developing water demand forecasts and evaluating water conservation programs.


Districts involved in Water Supply/Demand Studies should be aware of the availability of the IWR-MAIN software. While IWR-MAIN is now a commercial product, and we believe it has no competitors, it was initially developed by the Corps. Training in the use of IWR-MAIN is available at scheduled sessions around the country. For further information, please contact Darrell Nolton at (703) 428-9084 or via E-mail through the Corps mail system. [\[link\]](#)

## Instructions for Contributors to Planning Ahead

This newsletter is designed to improve the communication among all the planners and those we work with throughout the Corps. We hope that future editions will have mostly information and perspective from those of you on the front lines in the districts. We hope that these notes become a forum for you to share your experiences to help all of us learn from each other. We can't afford to reinvent the wheel in each office. We welcome your thoughts, questions, success stories, and bitter lessons so that we can share them on these pages. The articles should be short (2-3 paragraphs) except in some cases where you just have to say more.

- Use MS WORD, if at all possible
- Use "normal" style



- Use Times New Roman font, 11 point
- All text should be left justified with start of each paragraph indented by one tab stop.
- Each article should have short title with only initial letter of each word capitalized
- Following each title should be author's name and organization
- Last line should be contact information – phone number or e-mail address 

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### Submissions Deadline

The deadline for material for the next issue is **28 November 2000**

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